

The Federal Plan for Meteorological Services and Supporting Research Fiscal Year 2004



Urban Meteorology



OFCM

OFFICE OF THE FEDERAL
COORDINATOR
FOR METEOROLOGY

FCM P1-2003

U.S. DEPARTMENT OF COMMERCE/National Oceanic and Atmospheric Administration

THE FEDERAL COMMITTEE FOR
METEOROLOGICAL SERVICES AND SUPPORTING RESEARCH (FCMSSR)

VADM CONRAD C. LAUTENBACHER, JR., USN (RET) Chairman Department of Commerce	MR. JAMES H. WASHINGTON Department of Transportation
VACANT Office of Science and Technology Policy	MR. ANTHONY LOWE Federal Emergency Management Agency Department of Homeland Security
DR. RAYMOND MOTHAS Department of Agriculture	DR. GHASSEM R. ASRAR National Aeronautics and Space Administration
BGEN JOHN J. KELLY, JR., USAF (RET) Department of Commerce	DR. MARGARET S. LEINEN National Science Foundation
CAPT FRANK GARCIA, USN Department of Defense	MR. PAUL MISENCIK National Transportation Safety Board
DR. ARISTIDES PATRINOS Department of Energy	MR. JACK R. STROSNIDER U.S. Nuclear Regulatory Commission
DR. ROBERT M. HIRSCH Department of the Interior	MR. HENRY L. LONGEST (Acting) Environmental Protection Agency
MR. RALPH BRAIBANTI Department of State	MR. SAMUEL P. WILLIAMSON Federal Coordinator
MR. RANDOLPH LYON Office of Management and Budget	

MR. JAMES B. HARRISON, Executive Secretary
Office of the Federal Coordinator for
Meteorological Services and Supporting Research

THE INTERDEPARTMENTAL COMMITTEE FOR
METEOROLOGICAL SERVICES AND SUPPORTING RESEARCH (ICMSSR)

MR. SAMUEL P. WILLIAMSON, Chairman Federal Coordinator	DR. JONATHAN M. BERKSON United States Coast Guard Department of Homeland Security
MR. THOMAS PUTERBAUGH Department of Agriculture	DR. S. T. RAO Environmental Protection Agency
MR. JOHN E. JONES, JR. Department of Commerce	MR. JOHN GAMBEL Federal Emergency Management Agency Department of Homeland Security
CAPT FRANK GARCIA, USN Department of Defense	DR. RAMESH KAKAR National Aeronautics and Space Administration
MR. RICKEY PETTY Department of Energy	DR. JARVIS MOYERS National Science Foundation
MR. LEWIS T. MOORE Department of the Interior	MR. DONALD E. EICK National Transportation Safety Board
MR. JEFFREY MACLURE Department of State	MS. LETA A. BROWN U.S. Nuclear Regulatory Commission
MR. DAVID WHATLEY Federal Aviation Administration Department of Transportation	MS. ERIN WUCHTE Office of Management and Budget

MR. JAMES B. HARRISON, Executive Secretary
Office of the Federal Coordinator for
Meteorological Services and Supporting Research

Pictures displayed on the cover. (Left to right, top)

A transformer fire erupts after lightning strikes at substations disrupt electrical service in North Carolina (AP Wide World Photo); toxic fumes rise over the City of Baltimore as fire rages in a train tunnel (AP Wide World Photo); atmospheric dispersion models can depict the transport and dispersion of biological and toxic plumes over a metropolitan area (DTRA graphic).

(Left to right, bottom)

Storm surge from Hurricane Isabel flooded the streets of Baltimore's Inner Harbor; F2 tornado cuts through buildings in downtown Fort Worth (Fort Worth Star-Telegram Photo by Carolyn Bauman); smog lingers over the City of Los Angeles (California Air Resources Board Website).